



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Greenmaker Industries LLC
697 Oakwood Avenue
West Hartford, CT 06110

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Decoplast DDARS Notched EIF System

APPROVAL DOCUMENT: Engineering Report and Drawings No. 12-168-GMI-DDARS-ER, titled "Decoplast DDARS Notched EIFS", sheets 1 through 9 of 9, dated 11/19/2012, prepared by CBuck, Inc, signed and sealed by James L Buckner, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein. Each container (bucket or drum) needs to be labeled. Unit is further defined as each roll of reinforcing mesh.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
02/22/2013

NOA No. 12-1204.09
Expiration Date: February 28, 2018
Approval Date: February 28, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Engineering Report and Drawings No. **12-168-GMI-DDARS-ER**, titled "Decoplast DDARS Notched EIFS", sheets 1 through 9 of 9, dated 11/19/2012, prepared by CBuck, Inc, signed and sealed by James L Buckner, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of EIFS Wall System – Decoplast DDARS-Notched, prepared by Intertek, Test Report No. **100641940MID-018**, dated 07/27/2012, signed and Rick Curkeet, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by CBuck, Inc, Inc, dated 11/30/2012, signed and sealed by James L Buckner, P.E.
2. No financial interest letter issued by CBuck, Inc, dated 11/30/2012, signed and sealed by James L Buckner, P.E.



02/22/2013

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 12-1204.09

Expiration Date: February 28, 2018
Approval Date: February 28, 2013

Engineering Report & Drawings

Decoplast® DDARS Notched EIFS

Manufacturer
Greenmaker™ Industries, LLC.

For

Miami-Dade Notice of Acceptance

Category: Cladding
Sub - Category: EIFS

Product Assembly Name: *Decoplast® DDARS Notched EIFS*
Assembly Type: *Exterior Insulation Finish System*
Support Type: *Steel Studs*

Prepared by:

James L. Buckner, P.E., SECB
Florida Professional Engineer # 31242
Project Manager: Youry Demosthenes
Report No.: 12-168-GMI-DDARS-ER
Date: 11 / 19 / 12


Approved as complying with the
Florida Building Code
Date 02/28/2013
NOA# 12-1206-09
Miami Dade Product Control

By 

Contents:

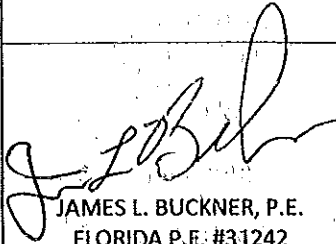
Cover Page: Page 1
Evaluation: Pages 2 – 5
Drawings & Details: Pages 6 – 9

TITLE: ENGINEERING REPORT
For Decoplast® DDARS Notched EIFS

 CBUCK Engineering
CBUCK, Inc. COA #8064
1399 N. Killian Dr., Ste 4
W. Palm Beach, FL 33403
(561) 491-9927

MANUFACTURER:
Greenmaker™ Industries, LLC.
697 Oakwood Avenue
West Hartford, CT 06110

DATE: 11 / 19 / 12
PAGE #: 1 OF 9
REPORT #: 12-168-GMI-DDARS-ER
DRAWN BY: -YD
REVISION #2: 2 / 8 / 13


JAMES L. BUCKNER, P.E.
FLORIDA P.E. #31242
2/8/13

1.0 Product

- 1.1 Manufacturer: Greenmaker™ Industries
1.2 Product Name: Decoplast® DDARS Notched EIFS

2.0 Evaluation Scope:

2.1 Evaluation Criteria:

Florida Building Code (FBC) 2010
Code Section: High Velocity Hurricane Zone (HVHZ)
Miami-Dade County Department of Regulatory and Economic Resources Product Control Section Checklist #0285
And Testing Application Standards TAS 201, 202 and 203.

2.2 Evaluation Classification:

Category: Cladding
Sub Category: EIFS

2.3 Properties Evaluated:

Wind Resistance Properties
Air Infiltration
Uniform Static Air Pressure
Water Resistance
Large Missile Impact
Cyclic Wind Pressure

2.4 Limits of Evaluation:

This product is limited to compliance with the criteria in section 2.1 and properties in section 2.2 of this report.

3.0 Evaluated Uses:

The Decoplast® DDARS Notched EIFS as evaluated in this report is used as an exterior wall cladding in new construction.

4.0 Product General Description:

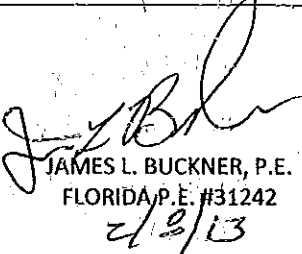
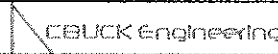
The Decoplast® DDARS Notched EIFS is an exterior insulation and finish system. It is architecturally designed and installed as a system. This system can be assembled as a panel under a factory controlled environment as well as in the field where it is being applied.

5.0 Typical Assembly as Evaluated (Assembly Layers from Interior to Exterior):

- Gypsum Sheathing (Mechanically Attached to Support)
- Weather Resistive Barrier
- Base Coat/Adhesive
- High-Impact Fiberglass Reinforcing Mesh
- Notched Base Coat/Adhesive
- EPS Foam Board
- Base Coat/Adhesive
- High-Impact Fiberglass Reinforcing Mesh
- Base Coat/Adhesive
- Standard Fiberglass Reinforcing Mesh
- Primer
- Exterior Textured Finishes

Approved as complying with the
Florida Building Code
Date 02/28/2013
NOA# 12-1204-09
Miami Dade Product Control

By [Signature]

 JAMES L. BUCKNER, P.E. FLORIDA P.E. #31242 2/2/13	TITLE: ENGINEERING REPORT For Decoplast® DDARS Notched EIFS		
	 CBUCK, Inc. COA #8064 1399 N. Killian Dr., Ste 4 W. Palm Beach, FL 33403 (561) 491-9927	MANUFACTURER: Greenmaker™ Industries, LLC. 697 Oakwood Avenue West Hartford, CT 06110	DATE: 11 / 19 / 12
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			DRAWN BY: YD
		REVISION #2: 2 / 8 / 13	

6.0 Support:

The Support assembly is designed by others and shall have the following minimum Characteristics:

Type:	Wall Stud framing
Material:	Steel
Flange Thickness:	18 Ga. Minimum
Flange Width:	3-5/8" Minimum
Yield Strength:	33 ksi Minimum
Spacing:	16 in o.c. Maximum

7.0 Performance:

7.1.1 Uniform Static Air Pressure (TAS 202):

Design Pressure:	Positive	+ 70 psf
	Negative	- 70 psf

7.1.2 Air Infiltration:

Standard:	TAS 202
Results:	Passed

7.1.3 Water Infiltration:

Standard:	TAS 202
Results:	Passed

7.1.4 Impact Rating:

Type:	Large Missile Impact
Standard:	TAS 201
Results:	Passed

7.1.5 Cyclic Wind Pressure:

Standard:	TAS 203
Results:	Passed

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Florida Building Code
Date 02/08/2013
NOA# 12-1264-09
Miami Dade Product Control
By [Signature]

8.0 Code Compliance

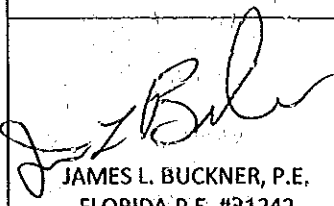
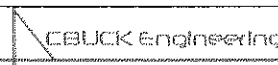
8.1 Product meets the High Velocity Hurricane Zone (HVHZ) Requirements of the Florida Building Code (FBC) 2010 for the properties evaluated.

9.0 Limitations of Use:

- 9.1 This exterior insulation finish system (EIFS) shall be applied by a Decoplast registered plastering contractor trained in the processing and application of the plural components and equipments.
- 9.2 The engineer and/or architect of record for each project using this system shall design the steel stud framing supports to comply with chapter 22 of the Florida Building Code (FBC) 2010.
- 9.3 All Studs used with this system shall be completely sheathed at the interior flange or bridged at maximum 5 ft of stud length or as specified by the manufacturer's installation instructions.
- 9.4 The details shown on pages 7 through 9 of this report are typical details intended to prevent water infiltration into and/or behind this exterior insulation finish system. Any alternate details and other conditions are outside the scope of this report and are the responsibility of others.

10.0 Identification:

10.1 Each unit shall bear a permanent label with the manufacturer's name or logo, manufacturing plant's city, state, model/series and the following statement: "Miami-Dade County Product Control Approved". Each container (bucket or drums) needs to be labeled. Unit is further defined as each roll of reinforced mesh.

 JAMES L. BUCKNER, P.E. FLORIDA P.E. #31242 2/8/13	TITLE: ENGINEERING REPORT For Decoplast® DDARS Notched EIFS		
	 CBUCK, Inc. COA #8064 1399 N. Killian Dr., Ste 4 W. Palm Beach, FL 33403 (561) 491-9927	MANUFACTURER: Greenmaker™ Industries, LLC. 697 Oakwood Avenue West Hartford, CT 06110	DATE: 11/19/12
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		REVISION #2: 2/8/13	

11.0 Components Assembly Evaluated

11.1 Wall Sheathing

Product(s): Dens Glass Gold®
Core Material: Gypsum
Surface Material: Fiberglass mat (Face & Back)
Nominal Thickness: 5/8" Nominal
Nominal Width: 4'
Nominal Length(s): 8', 9' & 10'
Flexural Strength: 100 lbs. Minimum (Parallel to per ASTM C1177)
Method of Attachment: Mechanically Attached

11.2 Sheathing Fastener

Use: To attach wall sheathings to steel stud
Type: Bugle Head Screw
Size: #6 x 1-1/4" Minimum
Fastener Spacing: 8" o.c. (along each stud flange)

11.3 Weather Resistive Barrier

Product Name: Decoplast Liquid Weather Resistive Barrier
Applied Thickness: 29 mil Nominal
Tensile Strength: 160 – 220 psi (per ASTM C412)
Method of Application: With a 3/8" Nap Roller

11.4 Fiberglass Reinforcing Mesh (1)

Product Name: Decoplast High Impact Fiberglass Reinforcing Mesh
Model: Armor 20
Nominal Weight: 20.0 oz./yd²
Dimension: 38" x 75' Maximum
Tensile Strength: 885 psi Minimum (per ASTM D5035)
Method of Attachment: Adhered with Liquid Base Coat / Adhesive

11.5 Fiberglass Reinforcing Mesh (2)

Product Name: Decoplast Standard Fiberglass Reinforcing Mesh
Model: Standard
Nominal Weight: 4.5 oz./yd²
Dimension: 38" x 150' Maximum
Tensile Strength: 200 psi Minimum (per ASTM D5035)
Method of Attachment: Adhered with Liquid Base Coat / Adhesive


11.6 Base Coat / Adhesive

Product Name: Decoplast Liquid Base Coat / Adhesive
Application Thickness: 1/8" Nominal (Distributed Evenly)
Method of Application: With a Stainless Steel Trowel

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Florida Building Code
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NOA# 12-2004-09
Miami Code Product Control

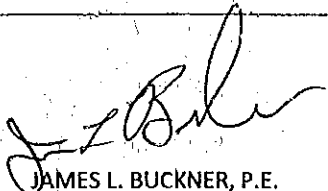
By 

TITLE: ENGINEERING REPORT For Decoplast® DDARS Notched EIFS

 CBUCK Engineering
CBUCK, Inc. COA #8064
1399 N. Killian Dr., Ste 4
W. Palm Beach, FL 33403
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MANUFACTURER:
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697 Oakwood Avenue
West Hartford, CT 06110

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JAMES L. BUCKNER, P.E.
FLORIDA P.E. #31242
2/8/13

11.7 Foam Insulation Board (Miami-Dade County Approved in compliance with FBC 2010, HVHZ Section 2612)

Material: Expanded Polystyrene
Density: 0.9 lb/ft³ Minimum
Thickness: 2" Nominal
Compressive Strength: 10 – 14 psi (per ASTM D1621)
Tensile Strength: 16 – 20 psi (per ASTM D1623)
Method of Attachment: Adhered with Liquid Base Coat / Adhesive

11.8 Primer

Product Name: Decoplast Primer
Application Coverage: 400 – 750 ft² / gallon
Method of Application: Roller, Spray or Brush

11.9 Decoplast Exterior Textured Finishes

Product Name: Decoplast Exterior Textured Finishes Coating
Application Coverage: Varies with Texture and application technique
Method of Application: With a Stainless Steel Trowel

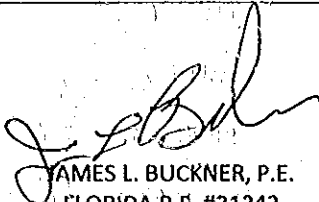
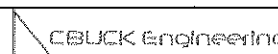
12.0 Installation:

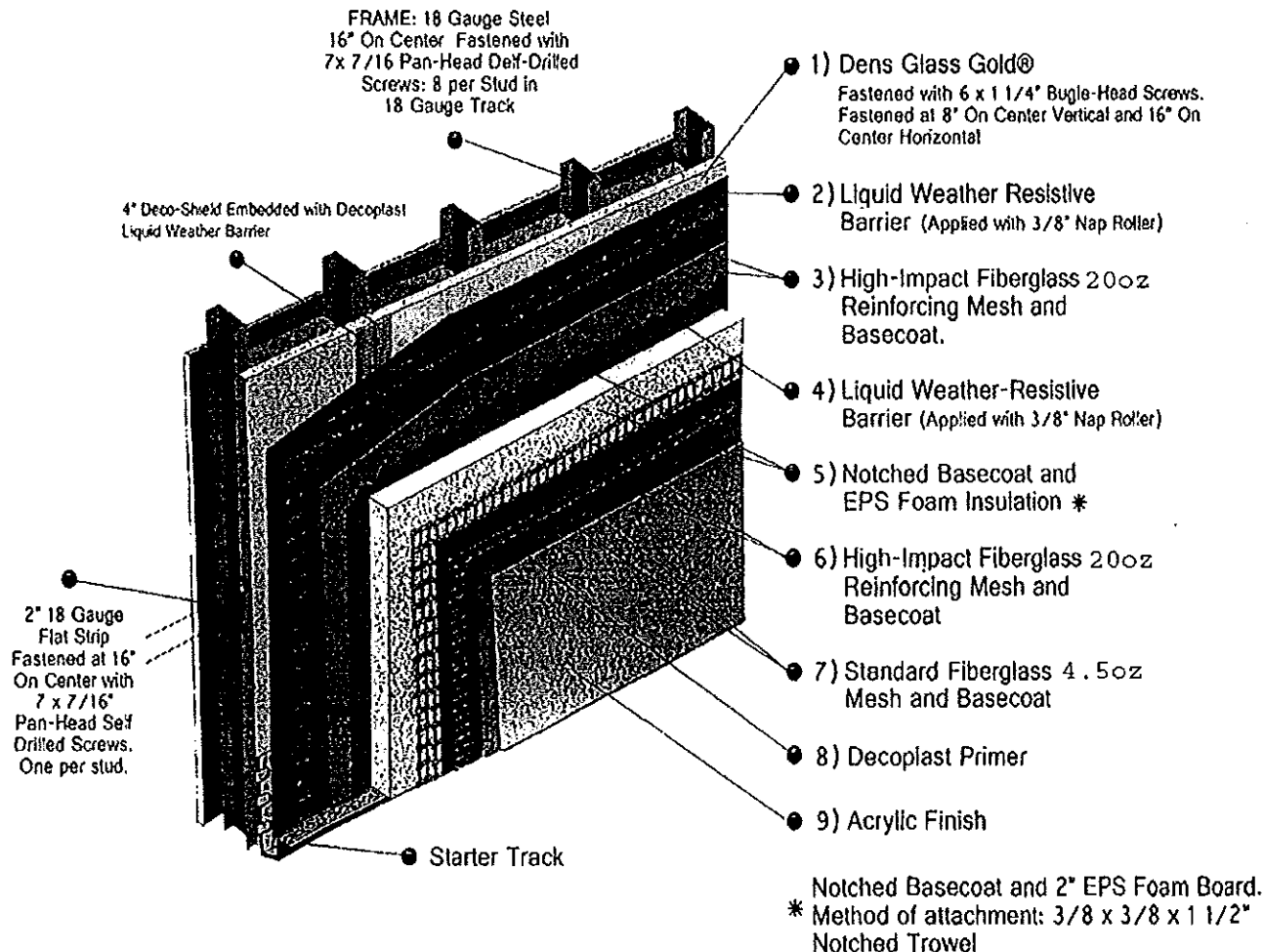
The Decoplast® DD ARS Notched EIFS System shall be installed in compliance with the installation method listed in this report and its limit of use, and applicable code sections of the Florida Building Code (FBC) 2010. The installation method described herein is in accordance with the scope of this evaluation report. Refer to manufacturer's installation instructions as a supplemental guide for attachment.

13.0 Reference Data:

13.1 TAS 201 – Large Missile Impact Test,
TAS 202 – Air Infiltration, Uniform Static Air Pressure Test & Water Resistant Test
TAS 203 – Cyclic Wind Pressure Loading
Report No.: 100641940MID-018 Dated: 7 / 27 / 12
By: Intertek Testing Services NA, Inc.

Approved as complying with the
Florida Building Code
Date 02/28/2013
NOA# 12-1209409
Miami Dade Product Control
By [Signature]

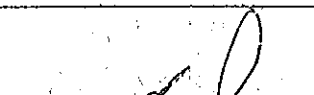

 JAMES L. BUCKNER, P.E. FLORIDA P.E. #31242 2/8/13	TITLE: ENGINEERING REPORT For Decoplast® DDARS Notched EIFS		
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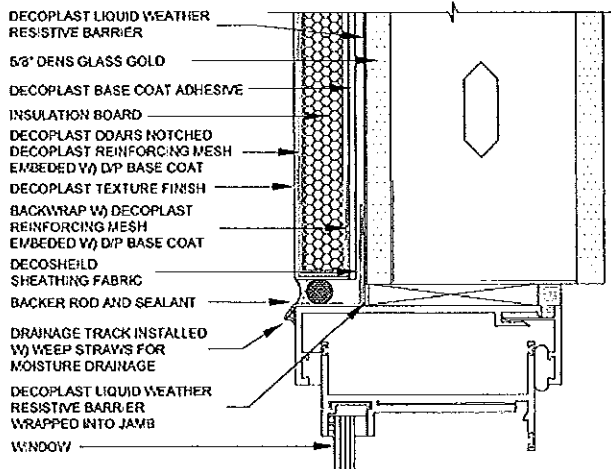


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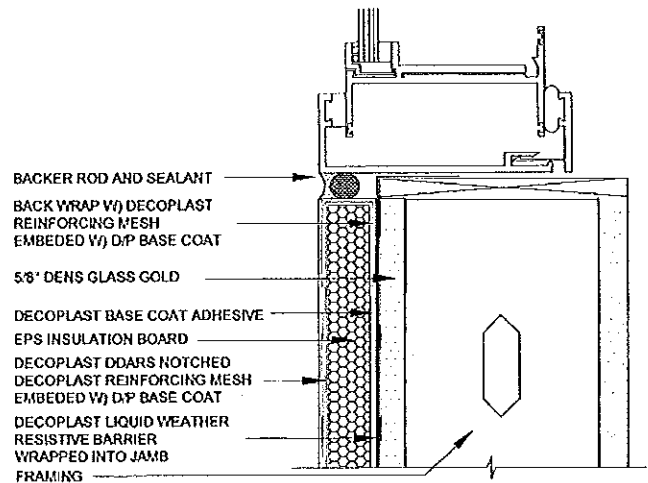
By [Signature]

Decoplast® DDARS Notched EIFS
ASSEMBLY ELEVATION VIEW

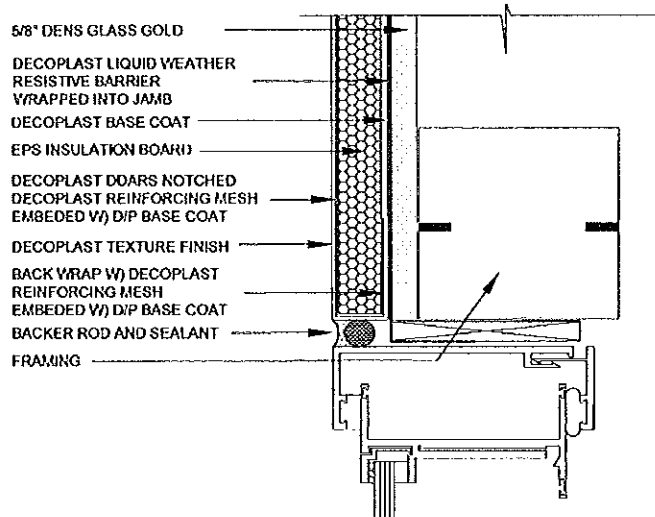
 JAMES L. BUCKNER, P.E. FLORIDA P.E. #31242 2/8/13	TITLE: TYPICAL ASSEMBLY COMPONENTS For Decoplast® DDARS Notched EIFS		
	 CBUCK Engineering CBUCK, Inc. COA #8064 1399 N. Killian Dr., Ste 4 W. Palm Beach, FL 33403 (561) 491-9927	MANUFACTURER: Greenmaker™ Industries, LLC. 697 Oakwood Avenue West Hartford, CT 06110	DATE: 11 / 19 / 12
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Window Head



Window Sill Detail



Window Jamb Detail

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Not To Scale

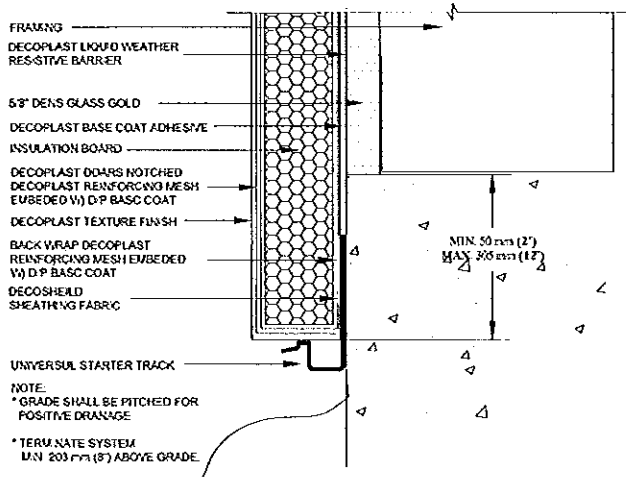
TITLE: TYPICAL EIFS WINDOW DETAILS
For Decoplast® DDARS Notched EIFS

CBUCK Engineering
CBUCK, Inc. COA #8064
1399 N. Killian Dr., Ste 4
W. Palm Beach, FL 33403
(561) 491-9927

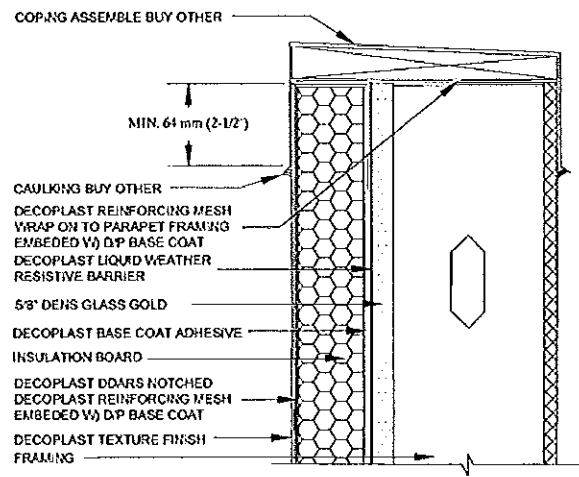
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West Hartford, CT 06110

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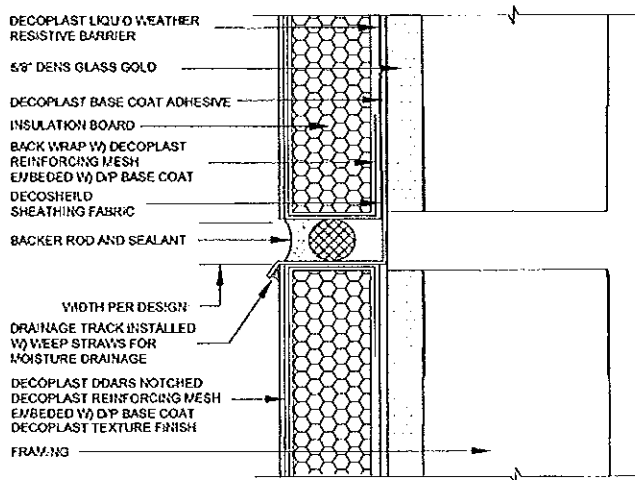
[Signature]
JAMES L. BUCKNER, P.E.
FLORIDA P.E. #31242
2/8/13



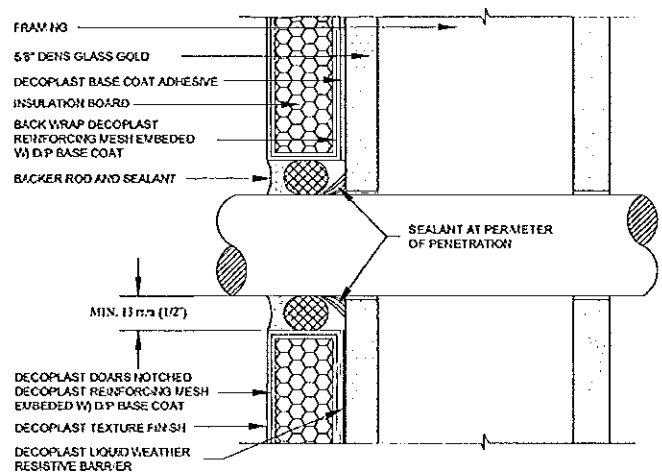
Termination Detail at Foundation of EIFS



Termination Detail at Top of EIFS (Parapet)



Expansion Joint Detail



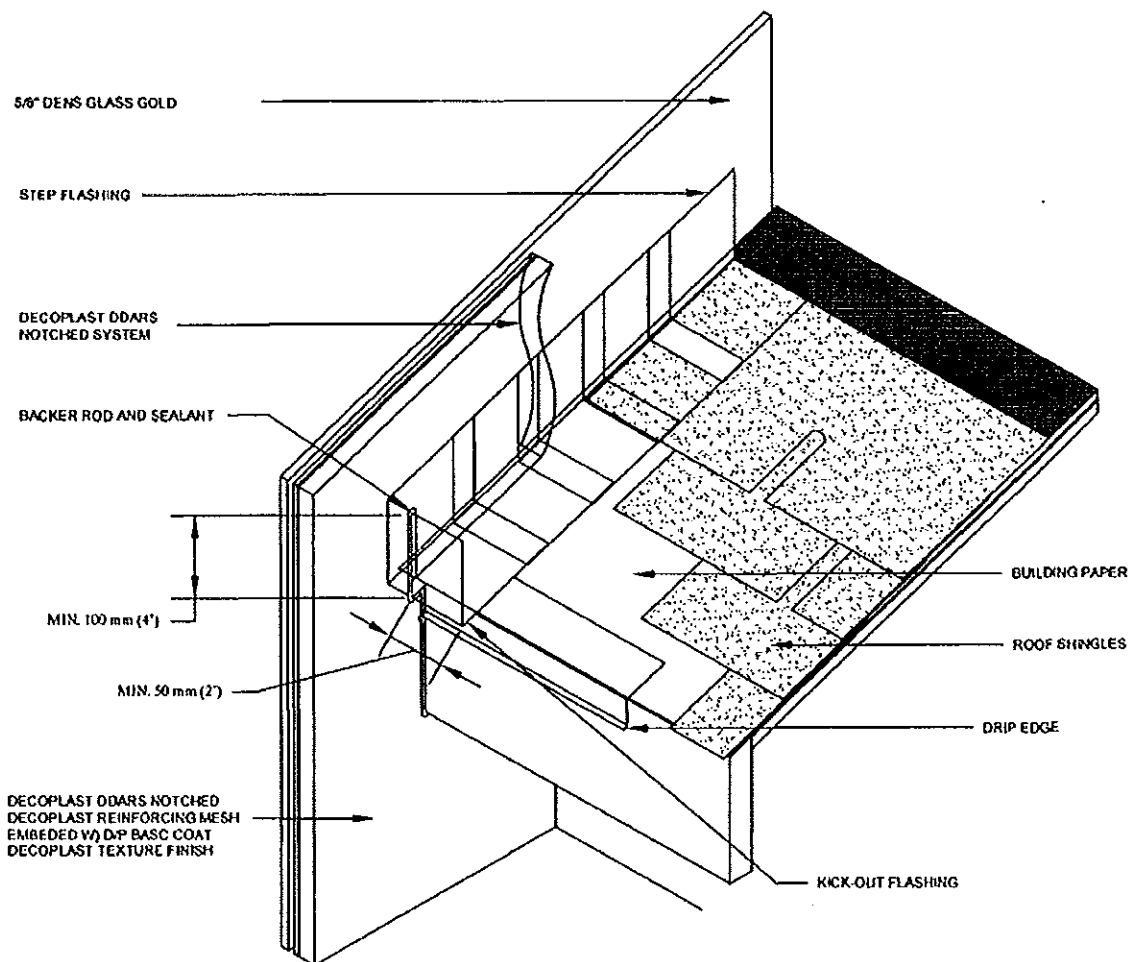
Termination Detail at Pipe Penetration

Approved as complying with the
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NOA# 12-1254-09
Miami Dade Product Control

By [Signature]

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 JAMES L. BUCKNER, P.E. FLORIDA P.E. #31242 2/8/13	TITLE: TYPICAL EIFS END & JOINT CONNECTION DETAILS For Decoplast® DDARS Notched EIFS		
	 CBUCK Engineering CBUCK, Inc. COA #8064 1399 N. Killian Dr., Ste 4 W. Palm Beach, FL 33403 (561) 491-9927	MANUFACTURER: Greenmaker™ Industries, LLC. 697 Oakwood Avenue West Hartford, CT 06110	DATE: 11/19/12 PAGE #: 8 OF 9 REPORT #: 12-168-GMI-DDARS-ER DRAWN BY: YD REVISION #2: 2/8/13



- NOTE:
- KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
 - KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
 - TERMINATE DECOPLAST EIFS SYSTEM MIN. 50 mm (2") ABOVE ROOF
 - ROOFING DETAIL SHALL COMFORM WITH CHAPTER 15 OF THE F.B.C.

Kick-out Flashing Detail

Approved as complying with the
 Florida Building Code
 Date 02/28/2013
 NOAH 12-1204-09
 Miami Dade Product Control

By [Signature]

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TITLE: TYPICAL EIFS INTERSECTION OF ROOF AT WALL DETAILS
For Decoplast® DDARS Notched EIFS

CBUCK Engineering

CBUCK, Inc. COA #8064
 1399 N. Killian Dr., Ste 4
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